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(54) Title: SPF1-RELATED TRANSCRIPTION FACTORS

```
SEQ ID NO:06      **** * *      ** *****      ** *      ****      ** *
MASSTGGLDH-----GFTF-TPPPFITSFTELLSGGGGDLGAGGEERSPRGFSRGG
SEQ ID NO:08      MASSTGGLDH-----GFTF-TPPPFITSFTELLSGGGGDLGAGGEERSPRGFSRGG
SEQ ID NO:10      MASSSGSLDTSANSEFTNFTFSTHPTFTSFDDLASP-----LDNNKPPQGG-----S
SEQ ID NO:13      MAASSGTIDAPTASSSFS---FSTASSFMSSFTDLLASD---AYSGGSVSRGLG-DRIA
1                                                           60
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SEQ ID NO:06      * * *****. ***** * ***** ***** ***** * * *
ARVGGGVPKFKSAQPPSLPLSPPPVSPSSYFAIPPGLSPTELLDSPVLLSSSHILAFPTT
SEQ ID NO:08      ARVGGGVPKFKSAQPPSLPLSPPPVSPSSYFAIPPGLSPTELLDSPVLLSSSHILASPTT
SEQ ID NO:10      ERTGSGVPKFKSTPPPSLPLSPPPISPSYFAIPPGLSPAELLDSPVLLNSSLNLPSTT
SEQ ID NO:13      ERTGSGVPKFKSLPPPSLPLSPPAVSPSSYFAFPGLSPSELDSPVLLSSSNILPSPTT
61                                                           120
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SEQ ID NO:06      * * * *      * * * *      * * * *      *
GAIPAQRYDWKASA---DLIASQQDDSRGDFSHTNSDAMAAQPASFPS-----
SEQ ID NO:08      GAIPAQRYDWKASA---DLIASQQDDSRGDFSHTNSDAMAAQPASFPS-----
SEQ ID NO:10      GAFVAQSFNWKSSSGGNQIVKEEDKSFNSFSQTRSGPPASSTATYQSSNVTVQTQPPW
SEQ ID NO:13      GTFPAQTFNWKNSNASQEDVKQEEKGYPDFSFQT-----NSASMTLN-----
121                                                           180
```

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SEQ ID NO:06      * *      * *      * *      * *
-FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:08      -FKEQEQQVVESSKNG-----AAAASSNKSGG-----
SEQ ID NO:10      SFQEATKQDNFSSGKGMMKTENSSSMQSFSPFIASVQ-TNHSNGFQSDYGNYP----PQS
SEQ ID NO:13      -YEDSKRKDELNS-----LQSLPVTTSQTMSSQNNG--GSYSEYNNQCCPPS
181                                                           240
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(57) Abstract: This invention relates to an isolated nucleic acid fragment encoding an SPF1-related transcription factor. The invention also relates to the construction of a chimeric gene encoding all or a portion of the SPF1-related transcription factor, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the SPF1-related transcription factor in a transformed host cell.

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